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MONTANA SCHOOL OF MINES

MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. X, No. 6 — MONTANA RECORD PUBLISHING CO. HELENA, MONTANA — JUNE, 1962

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of June 1962, averaged 85,866 barrels daily, a decrease of 314 barrels from the average May production of 86,180.

The nine refineries in the State processed 79,346 barrels of crude oil daily for the month of June 1962, an increase of 13,075 barrels from the 66,271 barrels processed daily during the month of May 1962.

During June, 34 wells were completed, 16 oil, 0 gas well and 18 dry holes.

During June the commission issued 42 permits to drill new wells, an increase of 2 from the 40 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JUNE, 1962

IN STORAGE JUNE 1st:	
By Producers	405,720
By Transporters	1,057,297
By Refiners	686,225
TOTAL STORAGE	2,149,242
Produced in Montana During Month	2,575,994
Imported During Month	1,487,939
TOTALS	6,213,175
DISPOSITION:	
Refined in Montana	2,380,383
Exported	1,929,779
Used for Fuel or Lost	(9,019)
TOTAL	4,301,143
IN STORAGE JUNE 30th:	
By Producers	363,128
By Transporters	924,225
By Refiners	624,679
TOTAL STORAGE	1,912,032

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1962

Field	M Cu. Ft.
Bears Den	3,805
Big Coulee	40,757
Bowdoin	59,710
Bowes	90,943
Box Elder	0
Cabin Creek	80,768
Cedar Creek	181,695
Clarks Fork	0
Cut Bank (including Reagan)	284,762
Devon	5,943
Dry Creek	99,373
Elk Basin	22,753
Flat Coulee	7,817
Golden Dome	0
Grandview	17,881
Hardin	3,951
Havre	0
Keith Block	125,033
Kevin Sunburst	52,878
Pine	64,946
Plevna	13,764
Utopia	0
Whitlash	85,157
Miscellaneous	14,313
TOTAL	1,256,249

Total Withdrawals for June, 1961 were 1,374,712 M Cu. Ft.

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PRODUCERS REPORT—MONTH OF JUNE, 1962

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	893	2,141		2,521		513
5	Bannatyne	9	1,289	1,306		1,456		1,139
6	Bear's Den	7	2,115	3,360		3,965		1,510
1	Belfry	1	245	46				291
1	Benrud	1	408	3,319	3,370			357
11	Big Wall	29	3,349	26,017	25,183	613		3,570
11	Blackfoot	16	4,210	8,631		9,738		3,103
4	Border	6	190	511		613		88
1	Bowes	75	5,251	14,632	15,331			4,552
2	Bredette North	2	2,106	618	1,174			1,550
2	Cabin Creek	104	18,359	291,051	211,689	90,572		7,149
14	Cat Creek	88	3,086	17,650	17,752			2,984
1	Clark's Fork North	1		971		971		
1	Cupton	1	1,370	741	1,307			804
210	Cut Bank	1,096	124,947	155,937	161,692		3	119,189
3	Deer Creek	6	3,764	12,713	14,734			1,743
1	Delphia	1	684	912	1,369		58	169
	Devil's Basin		889					889
4	Dry Creek	4	1,050	731	899			882
20	Dwyer	21	12,575	79,295	52,665	27,196		12,009
7	Elk Basin	59	3,559	291,197	291,995			2,761
	Fertile Prairie		2,020					2,020
2	Flat Coulee	7	1,614	5,401		5,579		1,436
2	Frannie	2	388	1,424	1,512			300
2	Gage	2	979	655	505			1,129
4	Gas City	11	6,349	77,840	76,550		241	7,398
6	Glendive	11	2,664	38,547	39,151			2,060
1	Graben Coulee	1	121	542	428			235
4	Gypsy Basin	4	1,974	1,656	1,782			1,848
2	Hibbard	3	897	1,919		2,372		444
9	Ivanhoe	18	5,738	33,285	35,055			3,968
6	Keg Coulee	13	4,817	43,994	45,078			3,733
162	Kevin Sunburst	1,002	19,978	53,000	52,986			19,992
2	Little Beaver	21	3,409	34,107	33,640			3,876
5	Little Beaver, East	12	3,251	31,065	31,460			2,856
7	Lookout Butte	17	2,952	62,148	63,055			2,045
	Mackay Dome		770					770
3	Melstone	8	1,284	4,713	4,775			1,222
6	Monarch	14	4,900	19,349	20,112			4,137
4	Mosser	4		782		782		
7	Outlook	11	10,623	37,106	38,462			9,267
3	Outlook South	3	2,178	2,666	1,383			3,461
22	Pennel	40	12,452	98,570	99,629			11,393
4	Pine	150	23,375	402,741	411,992			14,124
78	Pondera	309	7,772	40,876	41,442		36	7,170
2	Pondera Coulee	2	144	351	351			144
5	Poplar, East	88	15,315	142,787	141,744		141	16,217
4	Poplar, Northwest	5	1,976	4,720	2,919			3,777
4	Ragged Point	13	3,192	16,998	17,765			2,425
4	Reagan	42	3,305	17,698	17,818			3,185
13	Red Creek	25	5,036	37,901	37,757			5,180
1	Redstone	1	431	821		844		408
1	Repeat	1	546	1,269	1,269			546
5	Richey	11	5,352	8,635		8,032		5,955
3	Richey, Southwest	4	897	17,456	2,369	13,670		2,314
4	Sand Creek	5	3,716	8,614	9,843			2,487
2	Sevenmile	3		12,914	12,914			
5	Sidney-Brorson	5	5,028	6,786	631	6,628		4,555
2	Snyder	4	2,091	1,207		2,381		917
5	Soap Creek	9	5,822	5,710	971	4,410		6,151
10	Stensvad	25	8,079	71,005	70,774			8,310
29	Sumatra	98	13,600	186,048	184,910		31	14,707
6	Tule Creek	8	6,555	69,089	54,520	18,849		2,275
11	Whitlash	31	5,455	9,477		9,497	278	5,157
11	Wills Creek	17	3,070	27,353	27,081			3,342
9	Wolf Springs	18	4,335	23,283	23,586			4,032
2	Woodrow	2	931	1,707	1,730			908
785		3,611	405,720	2,575,994	2,407,109	210,689	788	363,128

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1961	30,906,044	84,674	30,855,175	84,534
First Quarter, 1962	7,758,129	86,201	7,754,899	86,165
April, 1962	2,566,543	85,551	2,581,869	86,062
May, 1962	2,671,595	86,180	2,629,686	84,828
June, 1962	2,575,994	85,866	2,617,798	87,259

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage
December, 1961	386,286	940,839	629,288	1,956,413
March, 1962	385,453	877,194	559,443	1,822,090
April, 1962	366,123	936,698	743,997	2,046,818
May, 1962	405,720	1,057,297	686,225	2,149,242
June, 1962	363,128	924,225	624,679	1,912,032

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JUNE, 1962

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,521				2,521		
BANNATYNE—Truck			1,456			1,456			
BIG WALL									
Truck			613			613			
Glacier Pipe Line Co.		25,168				25,168			
		25,168	613			25,781			
BLACKFOOT—Union Oil Co.			9,738			9,738			
BORDER—Truck			613			613			
BOWES—Texaco, Inc.		15,331				15,331			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	372,284	989,283		609,243			1,685,419		285,391
Shell Pipe Line Corp.	2,535	143,390	90,572		676			225,888	9,933
	374,819	1,132,673	90,572	609,243	676		1,685,419	225,888	295,324
CAT CREEK—									
Glacier Pipe Line Co.		15,055				15,055			
CLARK'S FORK—Truck			971				971		
CUT BANK, GRABEN COULEE, GYPSY BASIN, PONDERA COULEE & REAGAN									
Big West Oil Co.				24,367		24,367			
Darling Gathering System, Inc.	2,884	6,642						7,397	2,129
Glacier Pipe Line Co.		110,368				81,037	29,331		
Phillips Petroleum Co.	101,966	55,720		21,264	209	75,087		16,122	87,534
Texas Pipe Line Co.	45,267	22,797		7,802	(18,308)			53,888	40,286
Teton Pipe Line Corp.	20,000	39,927		49,710	397	59,069		43,627	6,544
Union Oil Co.	98,273	51,492		48,719	377	93,029			105,078
	268,392	286,946		151,862	(17,325)	332,589	29,331	121,034	241,571
DELPHIA—Glacier Pipe Line Co.		1,369					1,369		
DRY CREEK—									
Marathon Pipe Line Co.	7,832	899			(24)	2,348			6,407
DWYER—Truck	1,391		27,196				26,234		2,353
ELK BASIN—Ohio Oil Co.		291,995				210,140	81,855		
FRANNIE—Ohio Oil Co.		1,512				1,512			
GAGE—Glacier Pipe Line Co.		505					505		
GLENDIVE, DEER CREEK, WOODROW, SAND CREEK AND SEVENMILE									
The Texas Pipe Line Co.	6,000	77,470			(176)			73,438	10,208
HIBBARD—Truck			2,372			2,372			
IVANHOE—Glacier Pipe Line Co.		33,060				466	32,594		
KEG COULEE—									
Glacier Pipe Line Co.		43,866				13,548	30,318		
KEVIN-SUNBURST—									
Big West Oil Co.	3,784	73,877				73,312			4,359
Homestake Oil & Gas Co.	2,195	2,237		7,397		11,547			282
The Texas Pipe Line Co.	5,696	22,287			178	14,307		7,802	5,696
	11,675	98,411		7,397	178	99,166		7,802	10,337
MELSTONE—									
Glacier Pipe Line Co.		4,775				4,775			
MOSSER—Truck			782				782		
PONDERA—Phillips Petr. Co.	56,321	45,008			(401)	70,801			30,929
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, RICHEY AND TULE CREEK									
East Poplar Gathering System	32,185	291,509			(432)			303,930#	20,196
RAGGED POINT—									
Glacier Pipe Line Co.		17,616				2,992	14,624		
RED CREEK—									
Teton Pipeline Corp.		40,872			409			40,463	
REDSTONE—Truck			844				844		
RICHEY and RICHEY, S. W.									
Truck		2,369	21,702			24,071			
SIDNEY-BRORSON, Truck			6,628	1,328	(49)	4,599			3,406
SNYDER—Truck			2,381			2,381			
SOAP CREEK—Truck	8,623		4,410	2,725		5,042			10,716
SUMATRA AND STENSVAD—									
Crude Oil Pipe Line, Inc.	15,248	15,408				14,442			16,214
Glacier Pipe Line Co.	262,003	241,986			6,492	167,127	69,493		260,877
	277,251	257,394			6,492	181,569	69,493		277,091
SWEETGRASS HILLS—Truck			9,544			9,544			
TULE CREEK—Truck			18,849			18,849			
WHITLASH—Truck			9,497			9,497			
WOLF SPRINGS—									
Crude Oil Pipe Line, Inc.	12,808	23,585				20,706			15,687
TOTALS	1,057,297	2,707,388	210,689	772,555	(10,652)	1,084,941	1,976,860	772,555	924,225

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, and Wills Creek Fields.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1962

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Petrofuels Rfg. Co ,.Inc.	Phillips Petr. Co.	Union Oil Co.	Total
Blackfoot									2,268	2,268
Bowes			18,580							18,580
Cat Creek		13,116				3,235				16,351
Cut Bank	15,850							74,998	96,227	187,075
Delphia						797				797
Dry Creek				867						867
Elk Basin		115,753			94,387					210,140
Hibbard						1,151				1,151
Kevin Sunburst	68,116									68,116
Pondera								66,823		66,823
Reagan									230	230
Red Creek					21,003					21,003
Richey, S. W.							13,953			13,953
Sumatra & Stensvad		1,043		185,393	37,450					223,886
Tule Creek							18,849			18,849
Wolf Springs					42,355					42,355
Total Montana Oil	83,966	129,912	18,580	186,260	195,195	5,183	32,802	141,821	98,725	892,444
Canadian Oil Imported			1,339						3,442	4,781
Wyoming Oil Imported		349,461		340,814	788,059	4,824				1,483,158
Total Montana, Canadian & Wyoming Oil	83,966	479,373	19,919	527,074	983,254	10,007	32,802	141,821	102,167	2,380,383

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1961	26,841	90	38,461	65,392
June, 1961	26,611	123	44,211	70,945
June, 1962	29,748	160	49,438	79,346

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
	41.04%	.15%	58.81%
	37.50%	.19%	62.31%
	37.49%	.21%	62.30%